



The INGAA Foundation, Inc.

Asset and Integrity Verification

INGAA Foundation Annual Meeting
Monarch Beach, Dana Point, CA
November 8, 2014

Panel



- Moderator – Mark Hereth, Blacksmith Group
- Speakers – Larry Legendre, Williams, and
Tony Rizk, Boardwalk Pipelines

Background



- PHMSA held a workshop on managing challenges of **pipe seam welds** in July 2011
- The next day, PHMSA held a workshop on **improving risk and record keeping**
- INGAA and the INGAA Foundation jointly sponsored an **ILI Summit** in December 2011
 - ✓ What are current capabilities?
 - ✓ What are the gaps?
 - ✓ What we need.

Background



- INGAA and AGA produced a report on the **historical and future development of ILI** in March 2012
- INGAA proposed a **Fitness for Service Process** for **previously untested pipe and pipe lacking records** in May 2012
- PHMSA held a workshop on a proposed **Integrity Verification Process** in August 2013
- PHMSA held a workshop on **managing challenges of managing cracks** in August 2014

Today



- Rules are not moving . . .
- Results of rapid innovation by pipeline operators and service providers working together
- In-line inspection
- Managing and integrating data